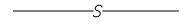
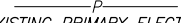


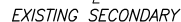



3/31/03 09:34 GHANNA R2000 I:\JCCG\_02.DWG\JCCG\_02


LEGEND


  
CONSTRUCT SECONDARY  
ELECTRIC

  
EXISTING PRIMARY ELECTRIC  
AND TELEPHONE

  
EXISTING SECONDARY  
ELECTRIC AND TELEPHONE

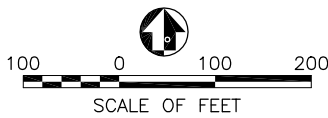
  
CONSTRUCT WATERLINES TO  
DRAIN IN DIRECTION SHOWN  
AT MINIMUM GRADE OF 1.0%  
(UNLESS OTHERWISE SHOWN)

  
SUB SHEET NUMBER

  
CONTOUR INTERVAL = 1 FOOT

CP 103 - SURVEY CONTROL POINT  
TP 50 - SURVEY TURNING POINT

#	NORTHING	EASTING	ELEV.	DESC.
20	11,140.0660	10,940.2380	5,140.78	TP
21	10,988.0040	11,029.6340	5,135.68	TP
22	11,070.5380	10,793.9480	5,137.26	TP
23	11,140.0660	10,940.2380	5,140.78	TP
50	10,904.8283	9,670.3804	5,084.14	TP50
51	10,801.1518	9,240.8945	5,066.65	TP51
52	10,567.3021	9,828.6033	5,081.32	TP52
54	10,426.8693	9,888.2287	5,057.71	TP54
55	10,190.0685	10,075.1939	5,036.76	TP55
56	10,308.2059	10,181.1701	5,045.60	TP56
57	10,280.4869	10,688.2197	5,014.91	TP57
58	10,159.5144	10,872.2277	4,998.71	TP58
59	9,966.4234	10,539.9143	5,009.70	TP59
60	10,161.0658	9,858.2068	4,994.52	TP60
61	9,712.9107	9,697.3749	4,943.00	TP61
101	10,010.2800	10,292.4629	5,002.42	CP101
102	10,000.0570	10,000.2871	5,000.17	CP102
103	10,166.0540	9,700.4733	4,990.44	CP103
104	10,512.2754	9,684.5707	5,049.34	CP104
105	10,722.7392	9,490.0381	5,058.89	CP105
107	10,929.9450	9,808.4354	5,088.99	CP107
108	11,016.3530	10,134.0683	5,113.94	CP108
109	11,007.6294	10,488.8734	5,128.73	CP109
110	10,628.9145	10,227.0466	5,087.21	CP110
111	10,480.4220	10,232.1153	5,080.65	CP111
113	10,873.3878	9,408.0089	5,076.31	CP113
114	10,192.4150	10,309.1966	5,036.35	CP114
115	11,182.5949	10,317.9678	5,137.78	CP115
116	11,458.4440	10,155.3433	5,167.05	CP116
202	9,761.2061	9,707.4941	4,944.69	CP202
203	10,006.6819	9,564.3477	4,953.82	CP203



U.S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
**R-2**  
ROCKY MOUNTAIN REGION

Forest

SAN JUAN  
NATIONAL FOREST  
COLUMBINE RANGER DISTRICT

Design: S.J. Design Team  
Drawn: P.Merkel  
Checked: G.Hanna  
Date: 03-14-03

Sheet Title:

Site Plan  
& Key Map  
Junction Creek Campground Water System

Sub Sheet:

**U1**

Project No:

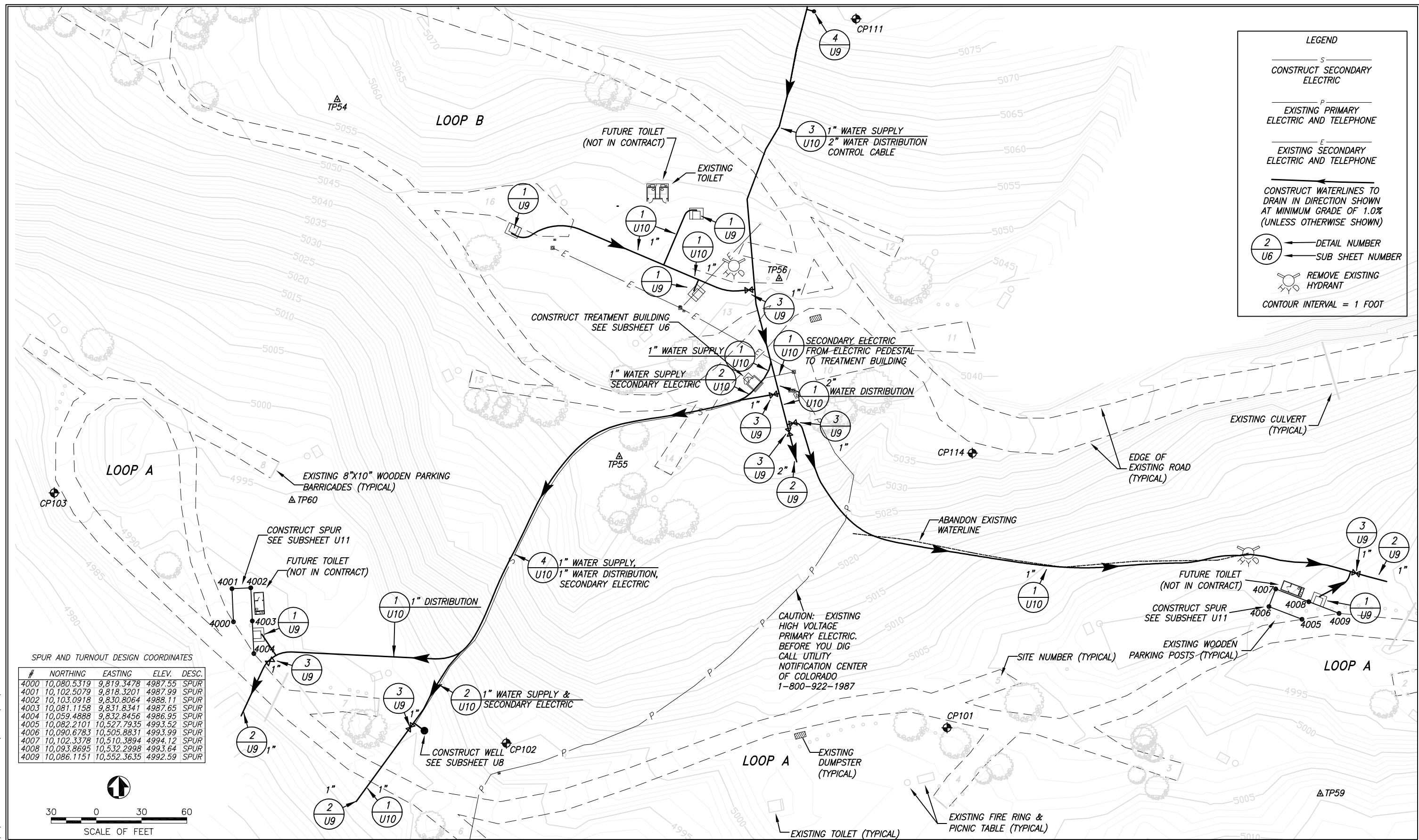
**SJ-133**

Sheet

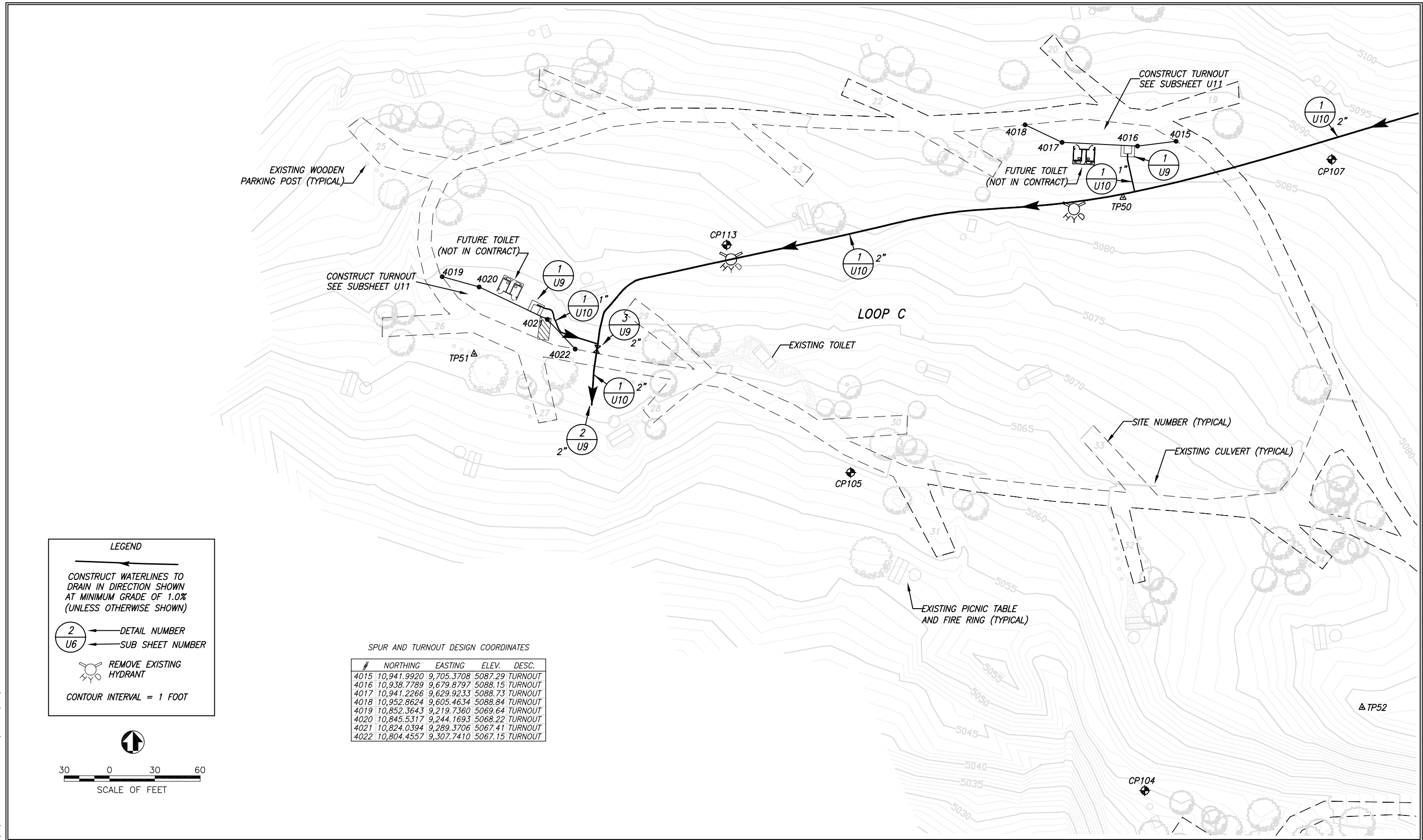
**2**

OF 12

3/31/03 09:34 GHANNA R2000 I:\VOCG\_02\DWG\UCCG\_02



3/31/03 09:34 GHANNA R2000 I:\JCCG\_02\DWG\JCCG\_02



U.S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
**R-2**  
ROCKY MOUNTAIN REGION

Forest

SAN JUAN  
NATIONAL FOREST  
COLUMBINE RANGER DISTRICT

Design: SJ Design Team  
Drawn: P.Merkel  
Checked: G.Hanna  
Date: 03-05-03

Sheet Title:

Site Plan  
Loop C  
Junction Creek Campground Water System

Sub Sheet:

**U3**

Project No:

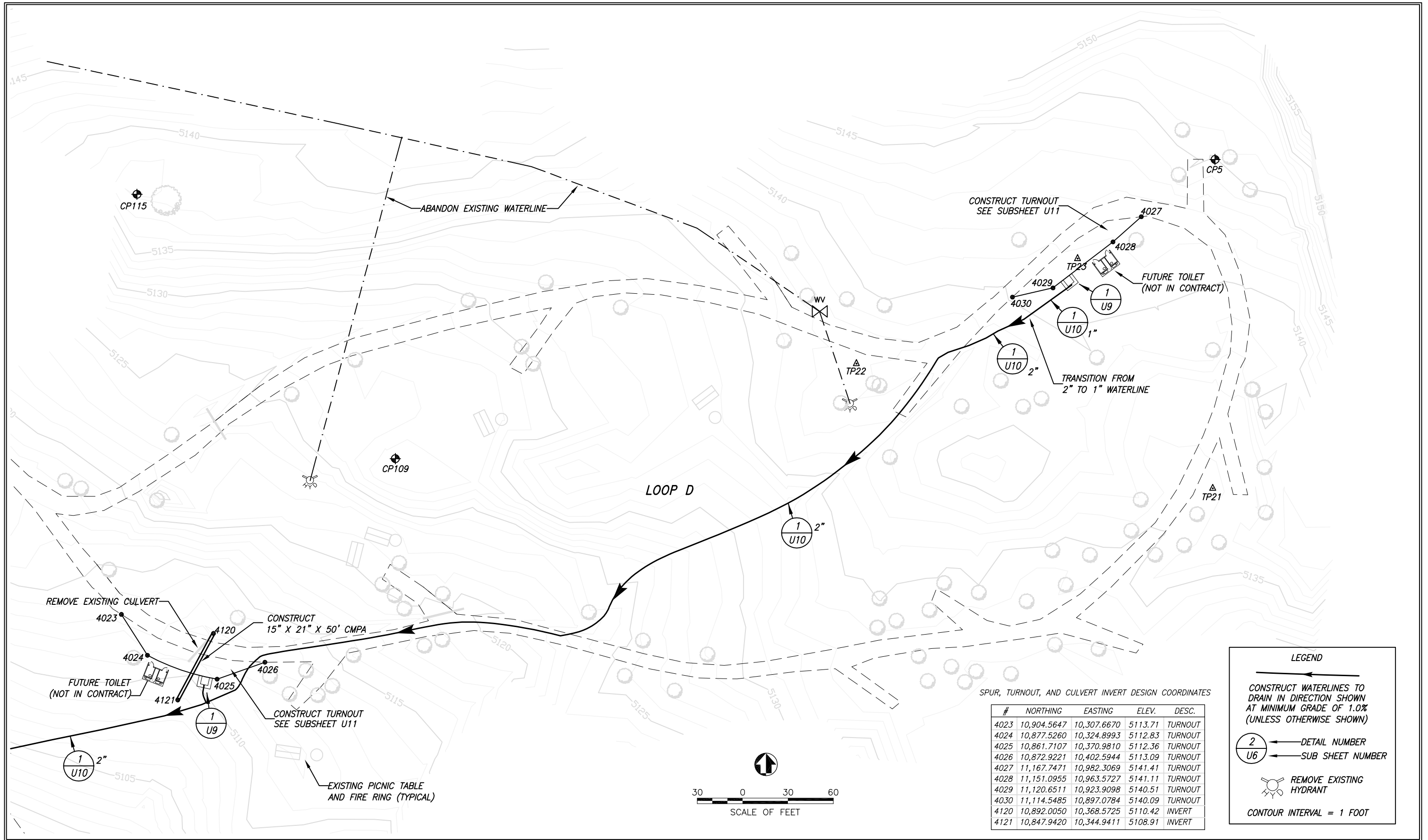
**SJ-133**

Sheet

4 OF 12



3/31/03 09:34 GHANNA R2000 I:\JCCG-02\DWG\JCCG-02



SPUR, TURNOUT, AND CULVERT INVERT DESIGN COORDINATES

#	NORTHING	EASTING	ELEV.	DESC.
4023	10,904.5647	10,307.6670	5113.71	TURNOUT
4024	10,877.5260	10,324.8993	5112.83	TURNOUT
4025	10,861.7107	10,370.9810	5112.36	TURNOUT
4026	10,872.9221	10,402.5944	5113.09	TURNOUT
4027	11,167.7471	10,982.3069	5141.41	TURNOUT
4028	11,151.0955	10,963.5727	5141.11	TURNOUT
4029	11,120.6511	10,923.9098	5140.51	TURNOUT
4030	11,114.5485	10,897.0784	5140.09	TURNOUT
4120	10,892.0050	10,368.5725	5110.42	INVERT
4121	10,847.9420	10,344.9411	5108.91	INVERT

LEGEND

CONSTRUCT WATERLINES TO DRAIN IN DIRECTION SHOWN AT MINIMUM GRADE OF 1.0% (UNLESS OTHERWISE SHOWN)

2

DETAIL NUMBER

U6

SUB SHEET NUMBER

REMOVE EXISTING HYDRANT

CONTOUR INTERVAL = 1 FOOT

U.S. DEPARTMENT OF AGRICULTURE

FOREST SERVICE

UAS

ROCKY MOUNTAIN REGION

R-2

Forest

SAN JUAN NATIONAL FOREST

COLUMBINE RANGER DISTRICT

Design: SJ Team

Drawn: P.Merkel

Checked: G.Hanna

Date: 03-05-03

Sheet Title:

Site Plan

Loop D

Junction Creek Campground Water System

Sub Sheet:

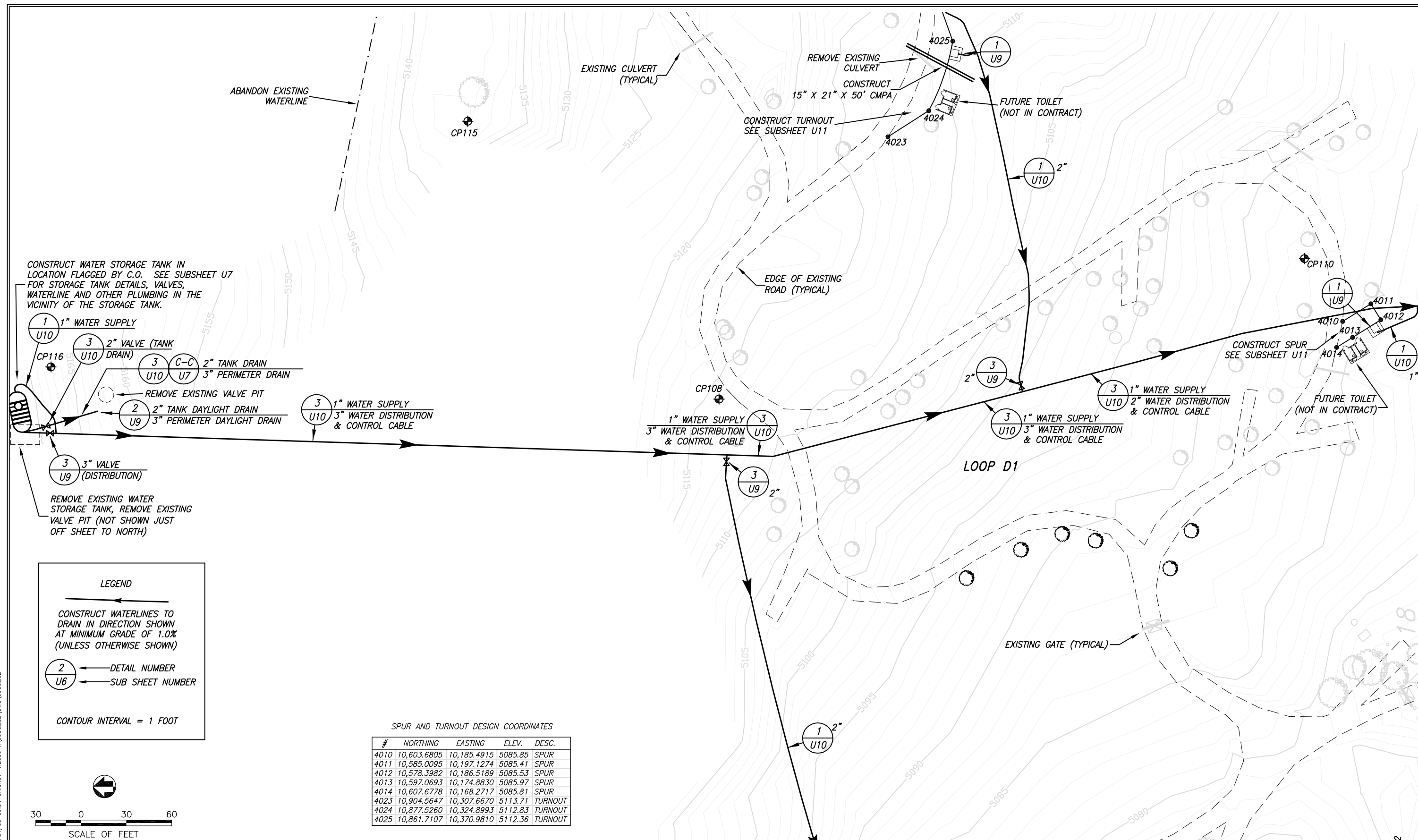
U4

Project No:

SJ-133

Sheet

5 OF 12



Forest

SAN JUAN  
NATIONAL FOREST  
COLUMBINE RANGER DISTRICT

Design: SJ Team  
 Drawn: P.Merkel  
 Checked: G.Hanna  
 Date: 03-05-03

Sheet Title:

# Site Plan

## Loop D1

### Junction Creek Campground Water System

Sub Sheet:

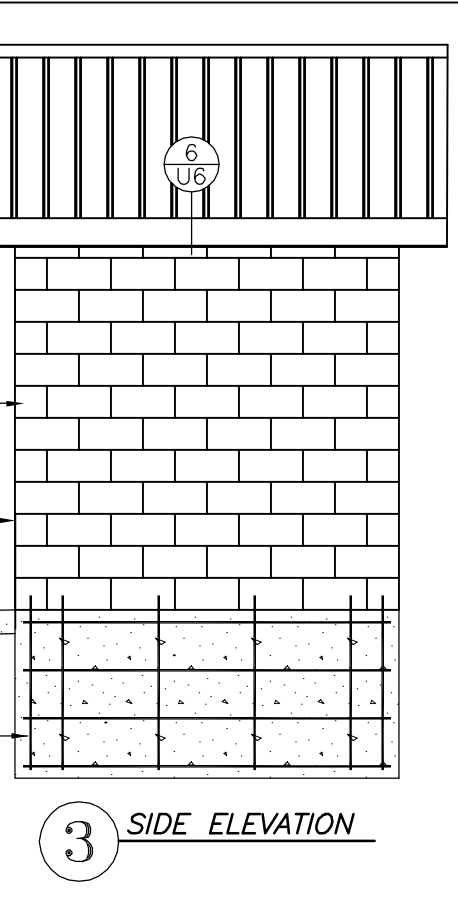
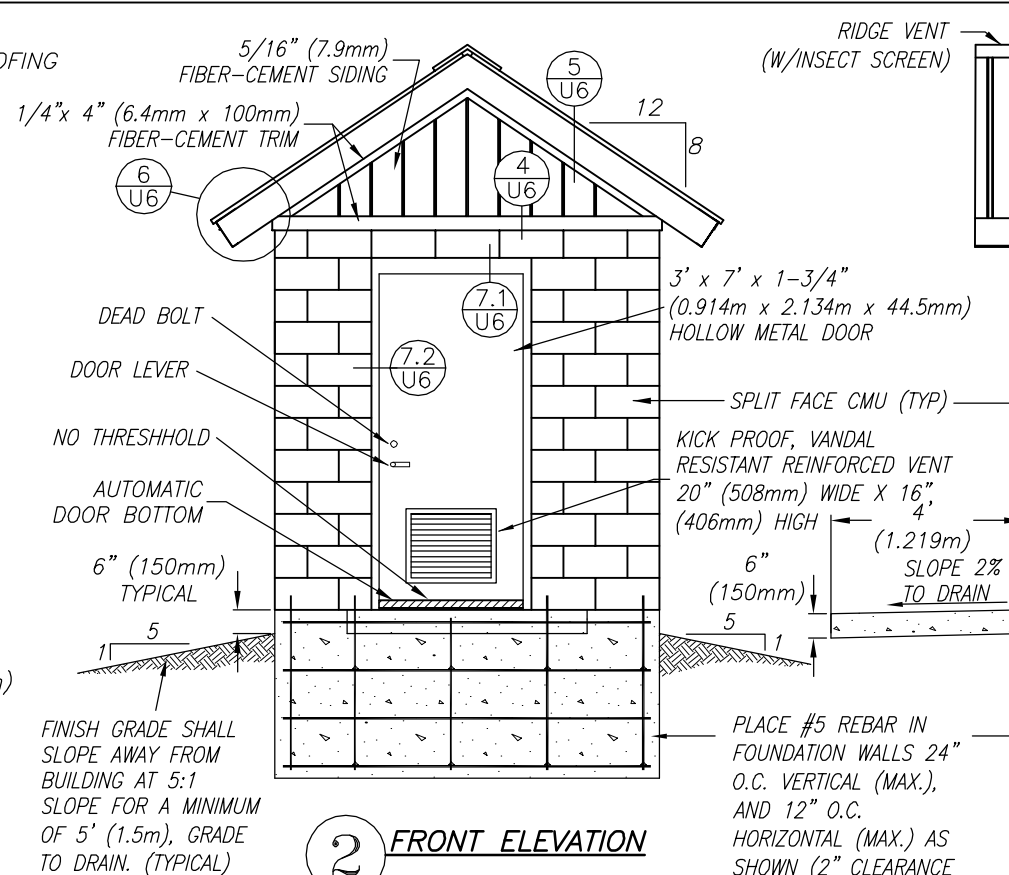
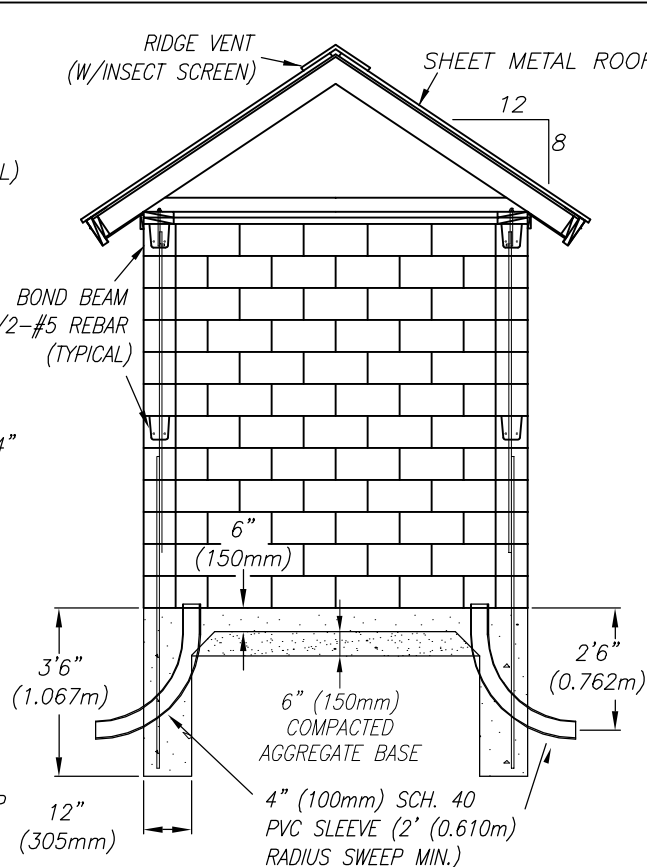
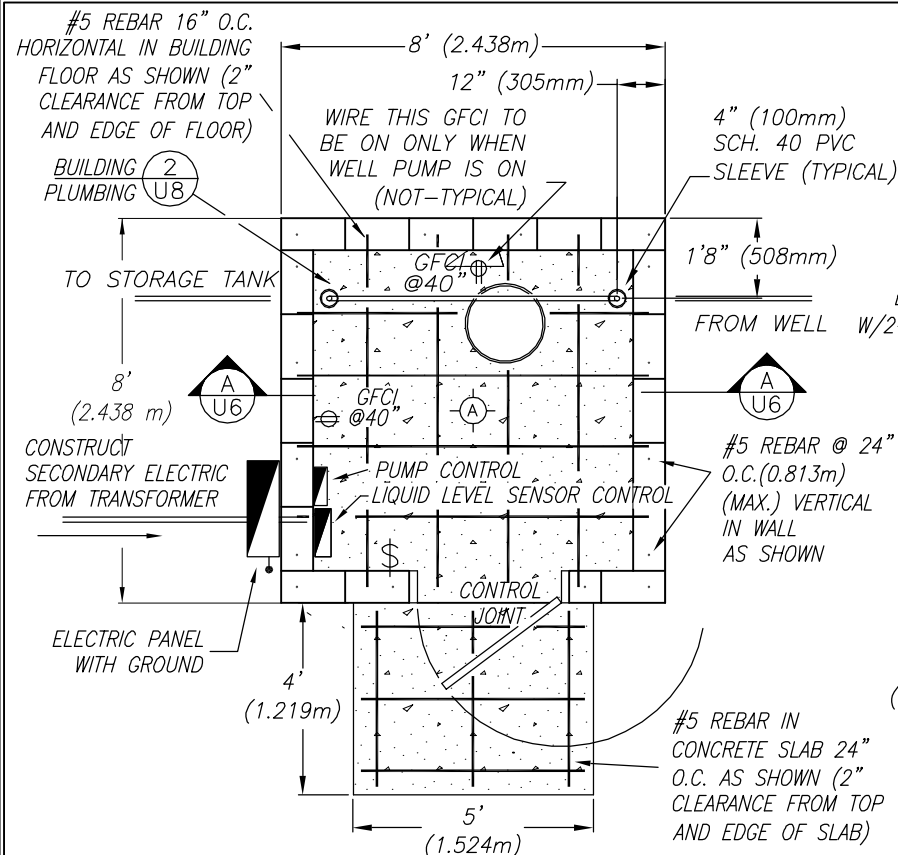
U5

Project No:

SJ-133

Sheet 6 OF 12

3/23/03 09:17 GHANNA R2000 C:\LAND\_PROJECTS\_3\UCCG\_02\DWG\TRMTBLDG



2 0 2 4  
SCALE OF FEET

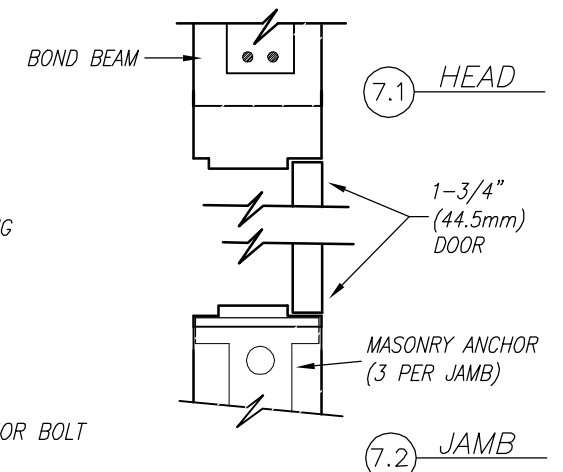
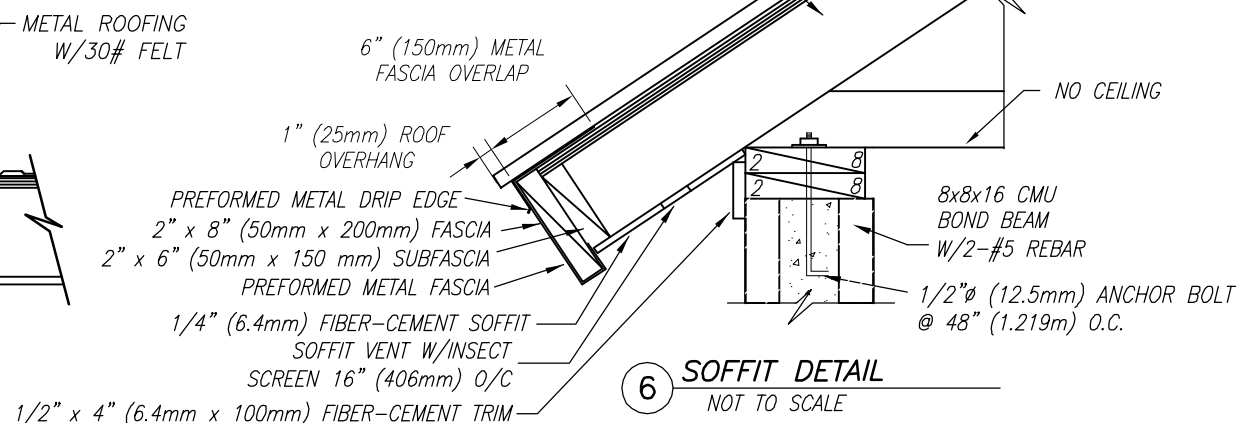
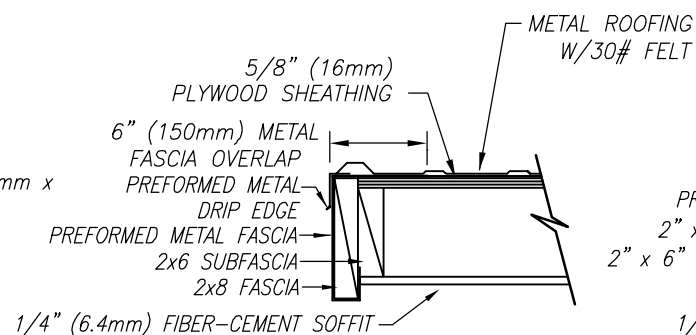
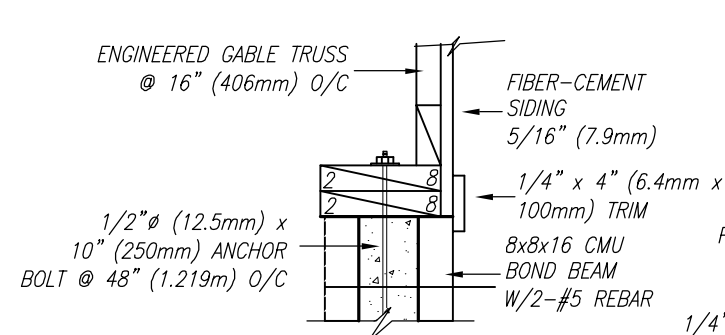
### ELECTRICAL LEGEND

- ELECTRIC, LIQUID LEVEL SENSOR, & PUMP CONTROL PANELS  
LIQUID LEVEL SENSOR CONTROL PANEL IS GOV'T FURNISHED
- 20 AMP, SPEC. GRADE 1-WAY SWITCH HUBBELL #1221, W/STAINLESS STEEL PLATE.
- 15 AMP GFCI, SPEC. GRADE DUPLEX RECEPTACLE
- CEILING LUMINARE (100W) BY KENALL NO. 3737

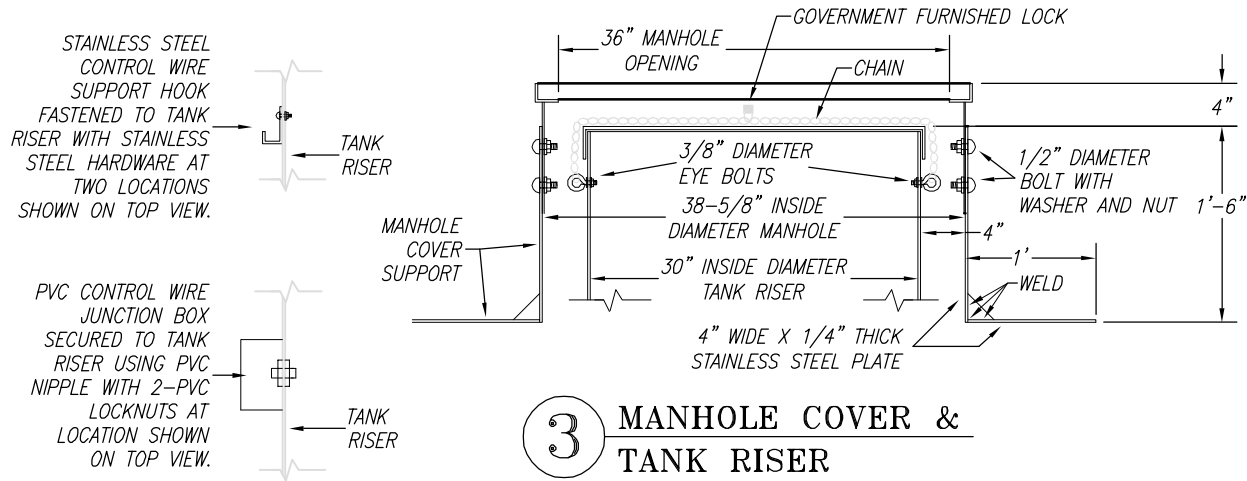
1. IF SOLID BEDROCK IS ENCOUNTERED BEFORE FOOTING DEPTH. FOOTINGS MAY NOT BE REQUIRED IN THESE AREAS. STEM WALLS MAY BE PLACED DIRECTLY ON SOLID BEDROCK WHICH IS LEVEL. WRITTEN APPROVAL FROM C.O. IS REQUIRED.

2. CURRENT ELECTRICAL CODE REQUIREMENTS TAKE PRECEDENT OVER ANYTHING SHOWN ON THESE DRAWINGS. THE ELECTRICAL CONTRACTOR SHALL IMMEDIATELY INFORM THE C.O. OF ANY DISCREPANCIES BETWEEN THE DRAWINGS AND CODE REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY SIZING ALL BRANCH CIRCUIT WIRING (INCLUDING SECONDARY ELECTRIC FEEDERS), AND CONDUIT FOR THE REQUIREMENTS SHOWN ON THE DRAWINGS.

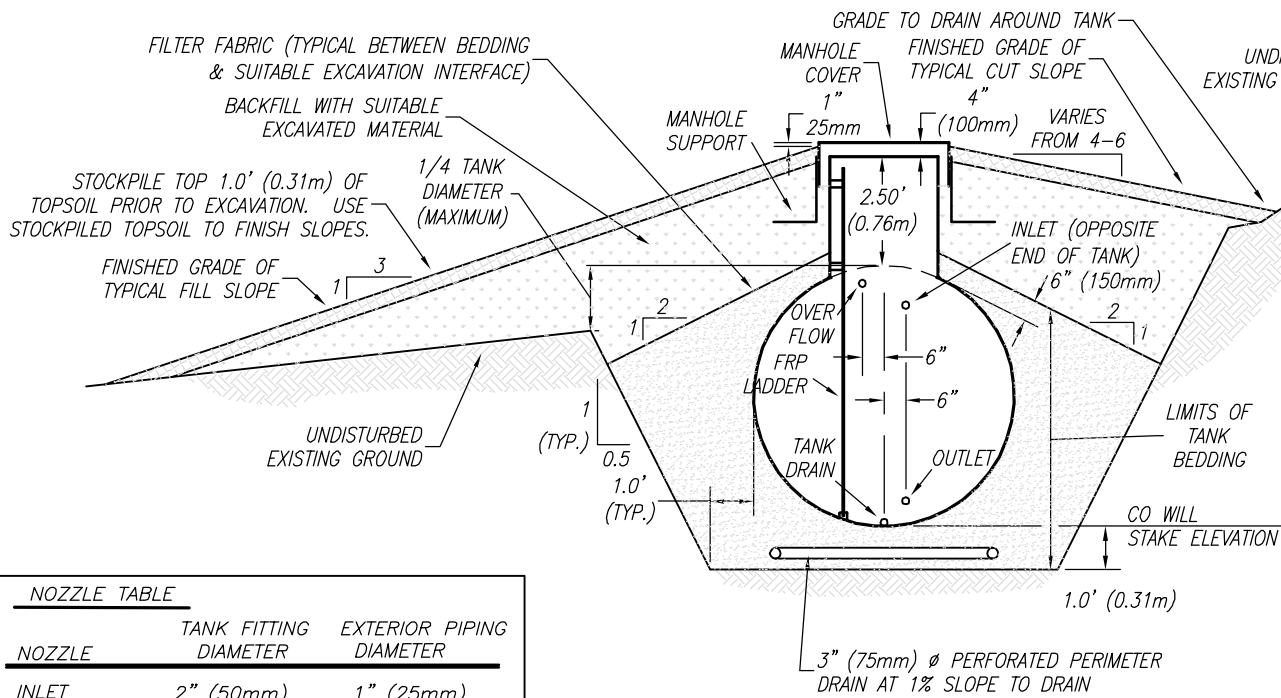
3. DEAD BOLT IS LORI (STAINLESS STEEL) PART NO. 4514-25-1-00-000. CONTRACTOR SHALL INSTALL GOVERNMENT FURNISHED CYLINDER IN DEAD BOLT, YALE PART NO. 1152. DOOR LEVER IS SCHLAGE RHODES LEVER HANDLE - ADA (STAINLESS STEEL), PART NO. D40SRH0626-10-025.



- 1) TANK VOLUME = 2,000 GALLONS (7,570 LITERS), TANK DIAMETER = 6' (1.83m).
- 2) USE STAINLESS STEEL HARDWARE (BOLTS, NUTS, WASHERS, ETC.) FOR CONNECTIONS TO TANK, RISER, MANHOLE, AND MANHOLE SUPPORT. USE PVC FOR CONTROL WIRE JUNCTION BOX, NIPPLE, AND NUTS. ALL HOLES DRILLED THROUGH TANK RISER SHALL BE MADE WATERPROOF WITH NATIONAL SANITATION FOUNDATION (NSF) APPROVED CAULKING OR RUBBER SEALS.
- 3) PIPES, VALVES, FLEXIBLE CONNECTORS, AND VENTS SHOWN ON THIS DRAWING SHALL MATCH THE PIPE DIAMETER SHOWN IN THE NOZZLE TABLE (SEE THIS SHEET).
- 4) VALVES IN WATERLINE ARE SHOWN AS A SCHEMATIC ONLY. VALVES SHALL BE LOCATED A SUFFICIENT DISTANCE FROM THE TANK SO THAT THE DEPTH OF THE VALVES ARE 2' TO 3'.
- ← SHOWS DIRECTION OF DRAINAGE. UTILITIES NOT CONSTRUCTED TO DRAIN AS SHOWN ARE SUBJECT TO REMOVAL AND REINSTALLATION AT NO COST TO GOVERNMENT.

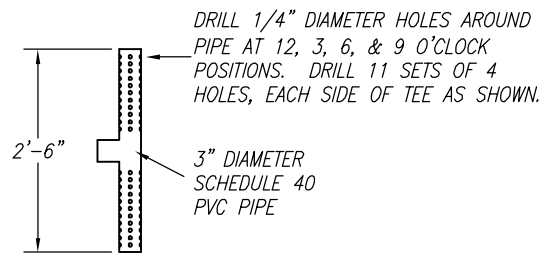


3 MANHOLE COVER & TANK RISER

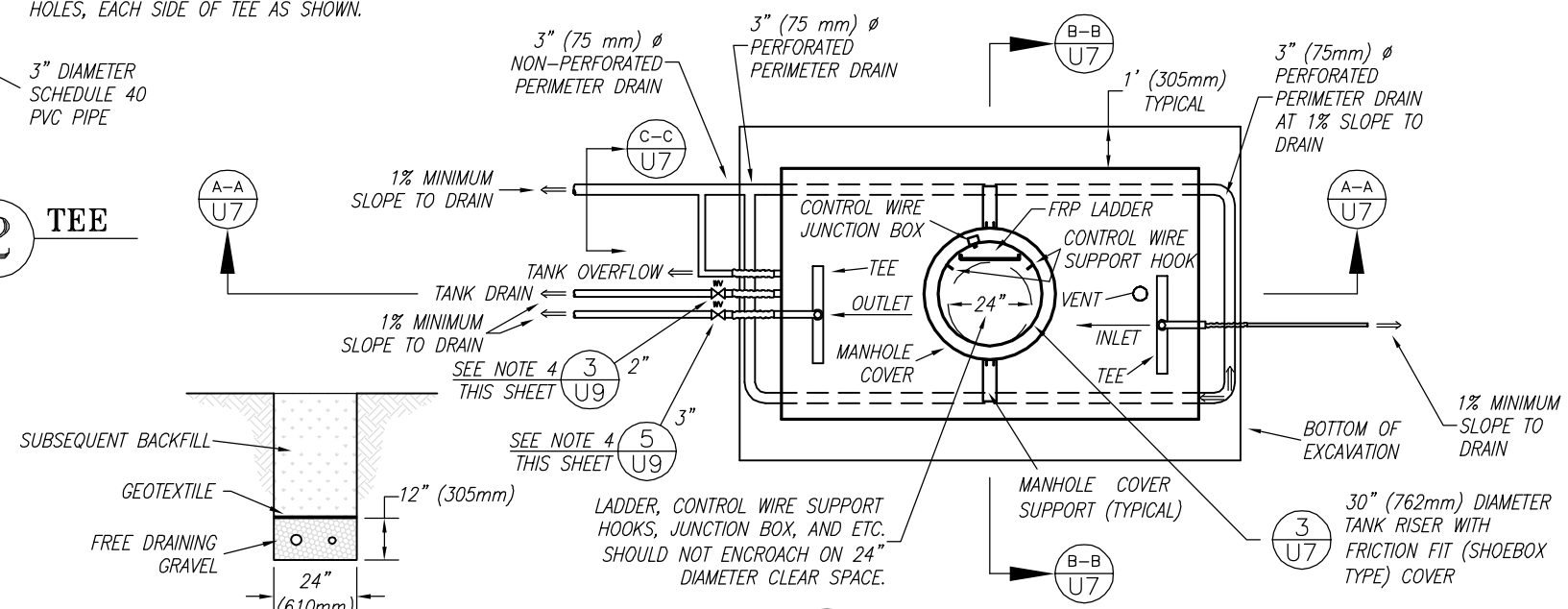


B-B END VIEW  
TANK NOZZLES & PLUMBING NOT SHOWN

NOZZLE TABLE		
NOZZLE	TANK FITTING DIAMETER	EXTERIOR PIPING DIAMETER
INLET	2" (50mm)	1" (25mm)
OVERFLOW	2" (50mm)	2" (50mm)
VENT	3" (75mm)	3" (75mm)
TANK DRAIN	2" (50mm)	2" (50mm)
OUTLET	3" (75mm)	3" (75mm)

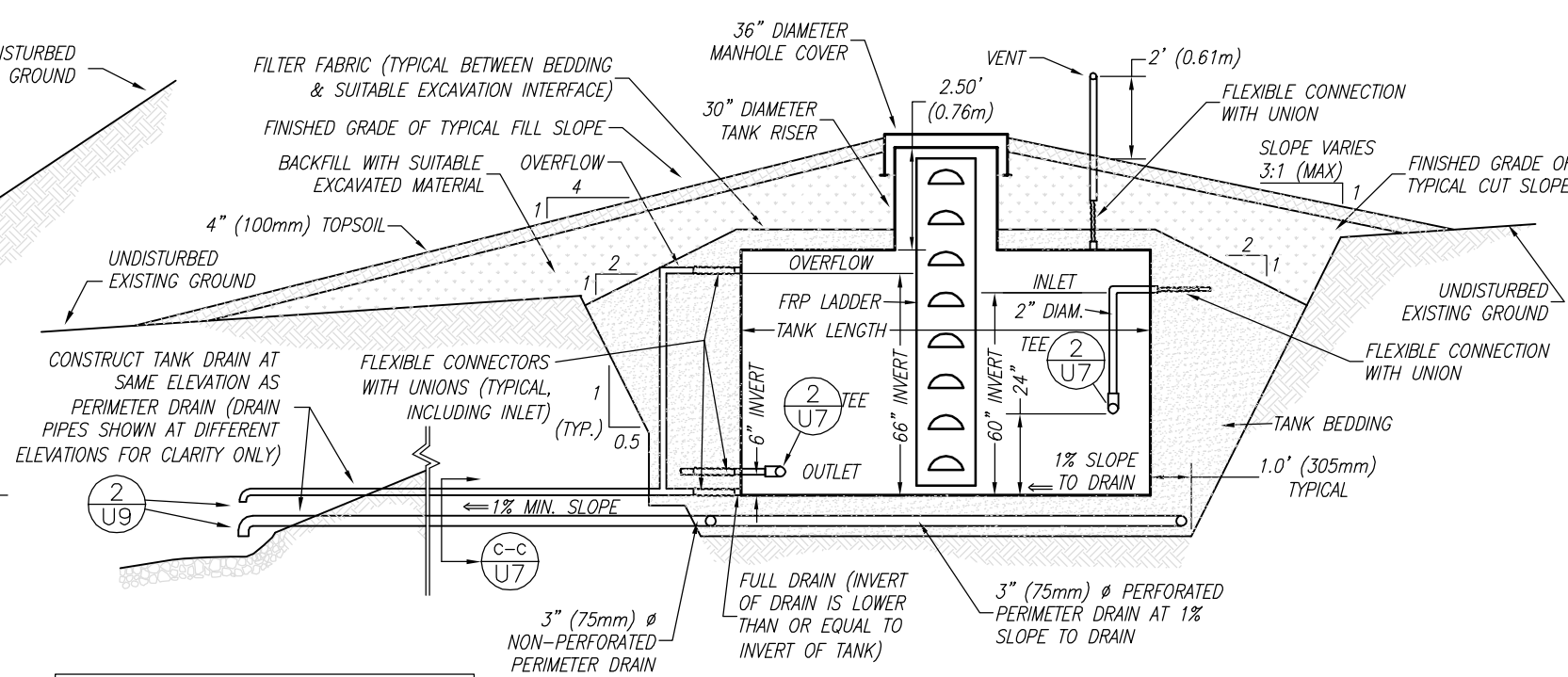


2 TEE



C-C TANK DRAIN & PERIMETER DRAIN TRENCH

1 TOP VIEW



A-A SIDE VIEW

ALL DETAILS THIS SHEET ARE NOT TO SCALE

3/23/03 09:40 GHANNA R2000 C:\LAND\_PROJECTS\_3\UCCG\_02\DWG\TANK.EX



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NATIONAL FOREST  
COLUMBINE RANGER DISTRICT

# Water Well & Building Plumbing Details

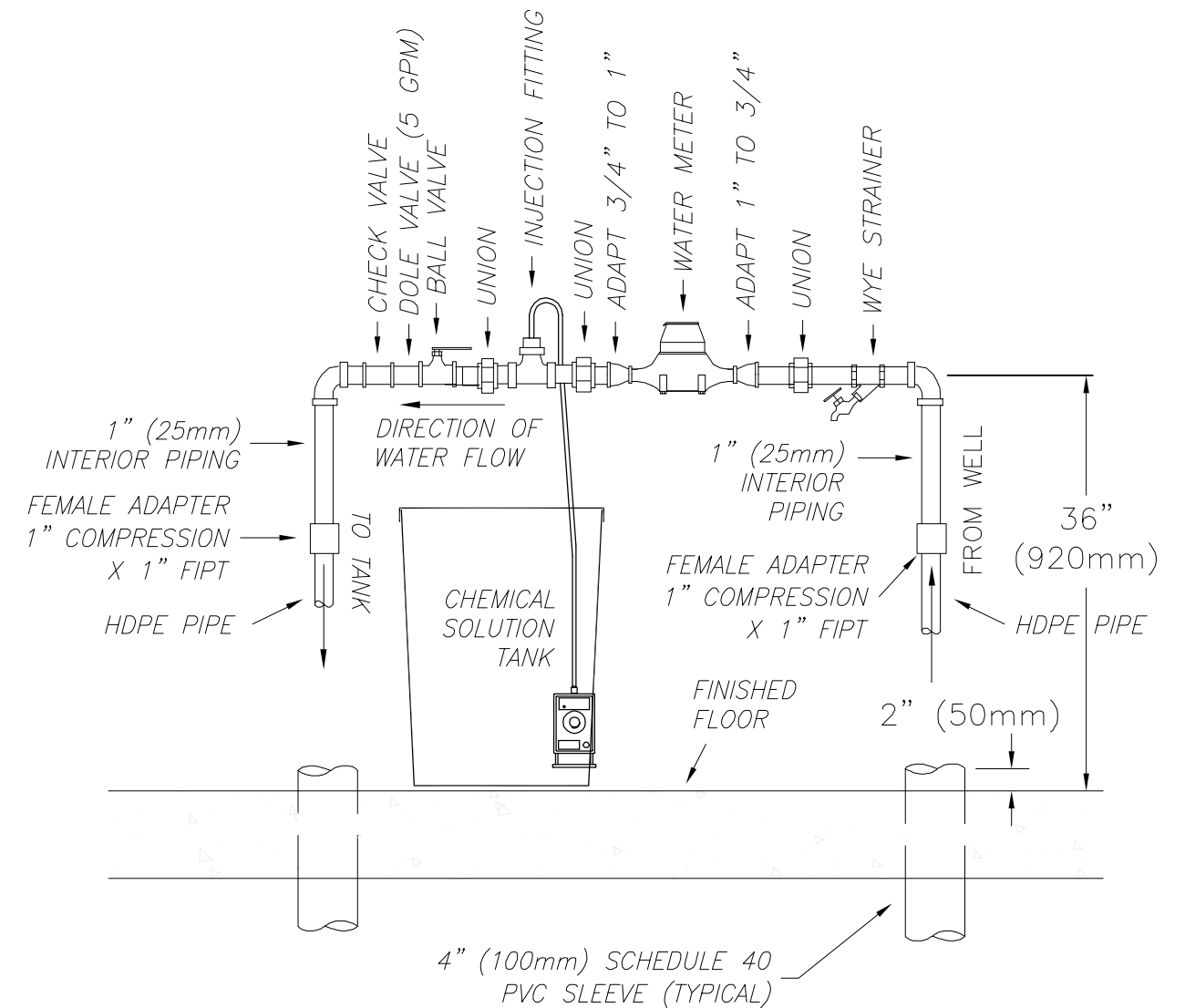
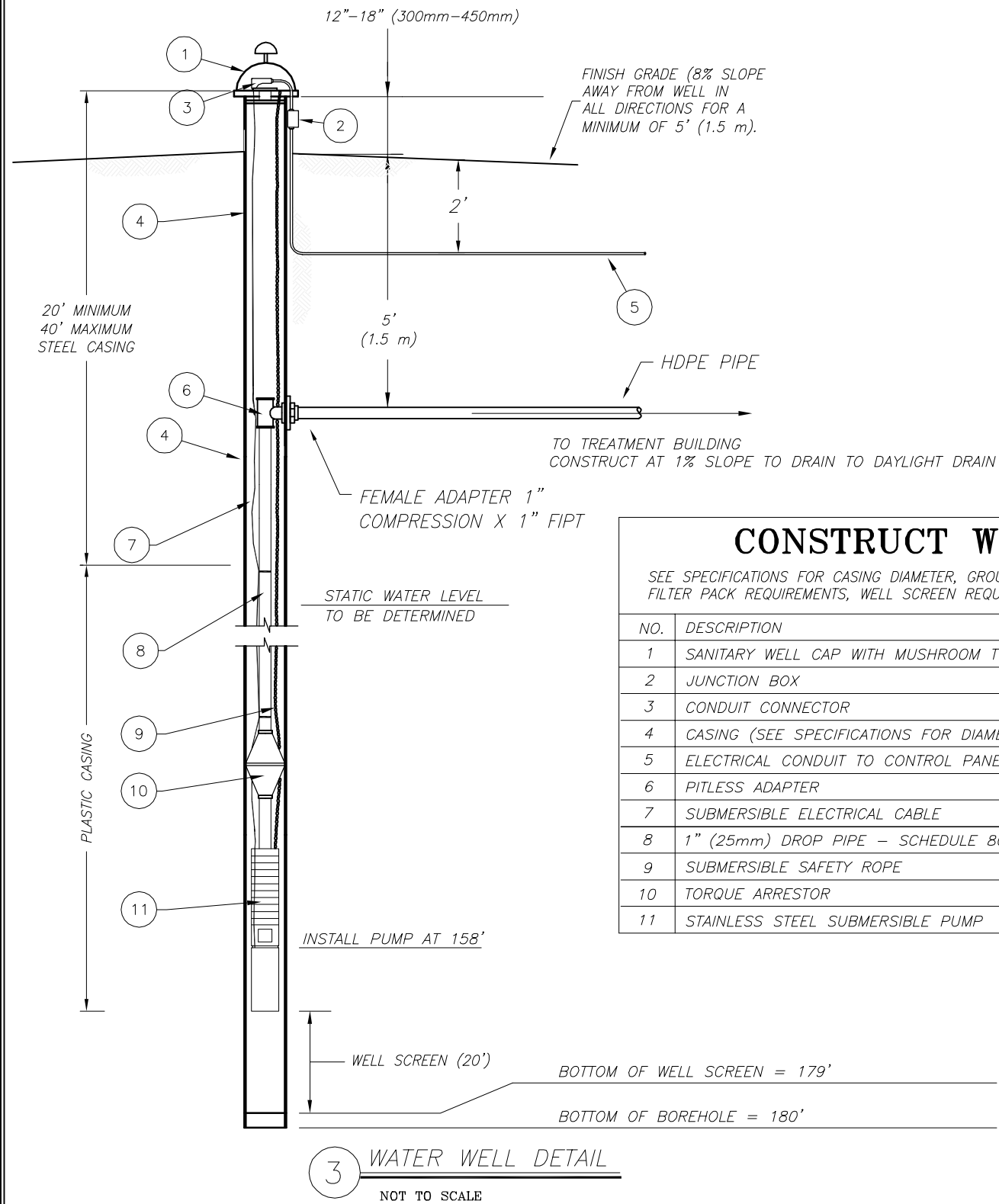
## Junction Creek Campground Water System

U8

Project No:  
SJ-133

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Sheet  
OF 12



1. INTERIOR PIPING SHALL BE SUPPORTED.
2. THIS DRAWING IS INTENDED TO SHOW THE NECESSARY EQUIPMENT AND FITTINGS REQUIRED IN THE TREATMENT BUILDING. ACTUAL EQUIPMENT MAY DIFFER IN APPEARANCE FROM THAT SHOWN.
3. BUILDING INTERIOR PIPING SHALL BE EITHER ONE OF THE FOLLOWING:  
GALVANIZED STEEL PIPE (GSP) SCHEDULE 40, OR  
POLYVINYL-CHLORIDE (PVC) SCHEDULE 80

2 BUILDING PLUMBING

---

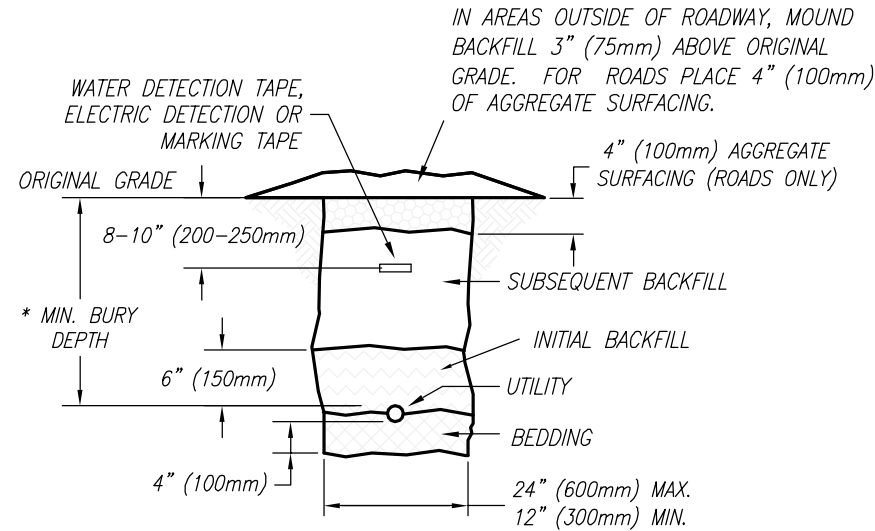
NOT TO SCALE



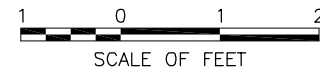
3/23/03 10:53 GHANNA R2000 C:\LAND\_PROJECTS\_3\CCG\_02\DWG\TRENCH\_TURNOUT

\* MINIMUM BURY DEPTH FOR UTILITIES

WATER - 24" (610mm) OR DEEPER TO DRAIN  
SECONDARY ELECTRIC - 24" (610mm)

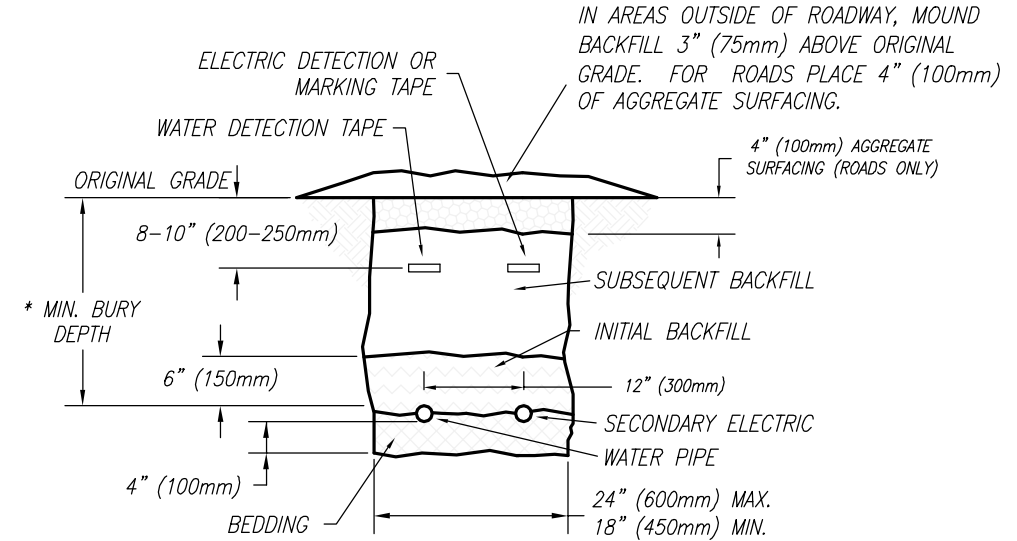


1 UTILITY TRENCH (WATER OR SECONDARY ELECTRIC)



\* MINIMUM BURY DEPTH FOR UTILITIES

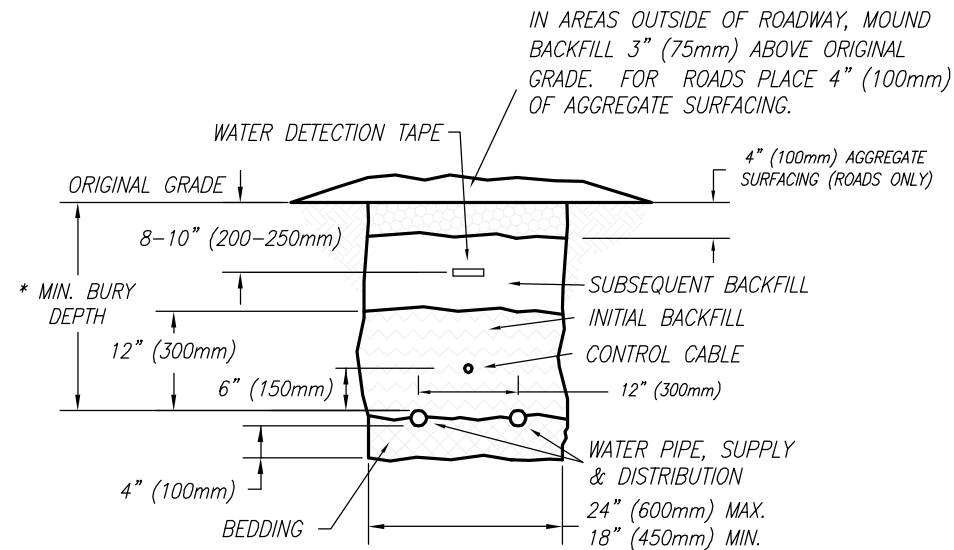
SECONDARY ELECTRIC - 24" (610mm) OR SAME DEPTH AS WATER, WHICHEVER IS DEEPER  
WATER - 24" (610mm) OR DEEPER TO DRAIN



2 COMBINATION WATER & SECONDARY ELECTRIC TRENCH

\* MINIMUM BURY DEPTH FOR UTILITIES

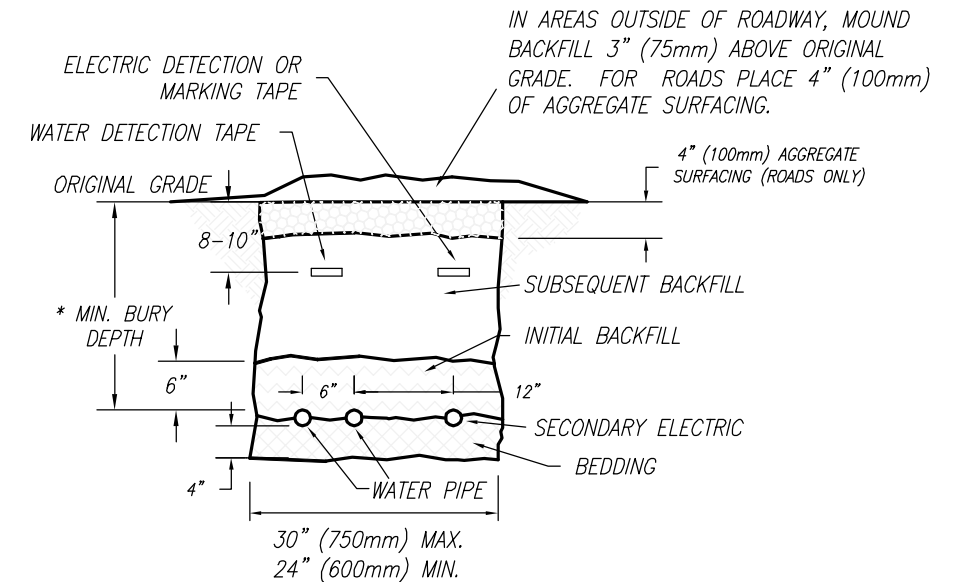
CONTROL CABLE - 18" (460mm)  
WATER - 24" (610mm) OR DEEPER TO DRAIN



3 COMBINATION WATER SUPPLY & DISTRIBUTION WITH CONTROL CABLE

\* MINIMUM BURY DEPTH FOR UTILITIES

SECONDARY ELECTRIC - 24" (610mm) OR SAME DEPTH AS WATER, WHICHEVER IS DEEPER  
WATER - 24" (610mm) OR DEEPER TO DRAIN



4 COMBINATION WATER SUPPLY, DISTRIBUTION, AND ELECTRIC



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FOREST SERVICE  
**R-2**  
ROCKY MOUNTAIN REGION

Forest

SAN JUAN  
NATIONAL FOREST  
COLUMBINE RANGER DISTRICT

Design: G.Hanna  
Drawn: G.Hanna  
Checked: San Juan NF  
Date: 03-13-03

Sheet Title:

Trench Details

Junction Creek Campground Water System

Sub Sheet:

**U10**

Project No:

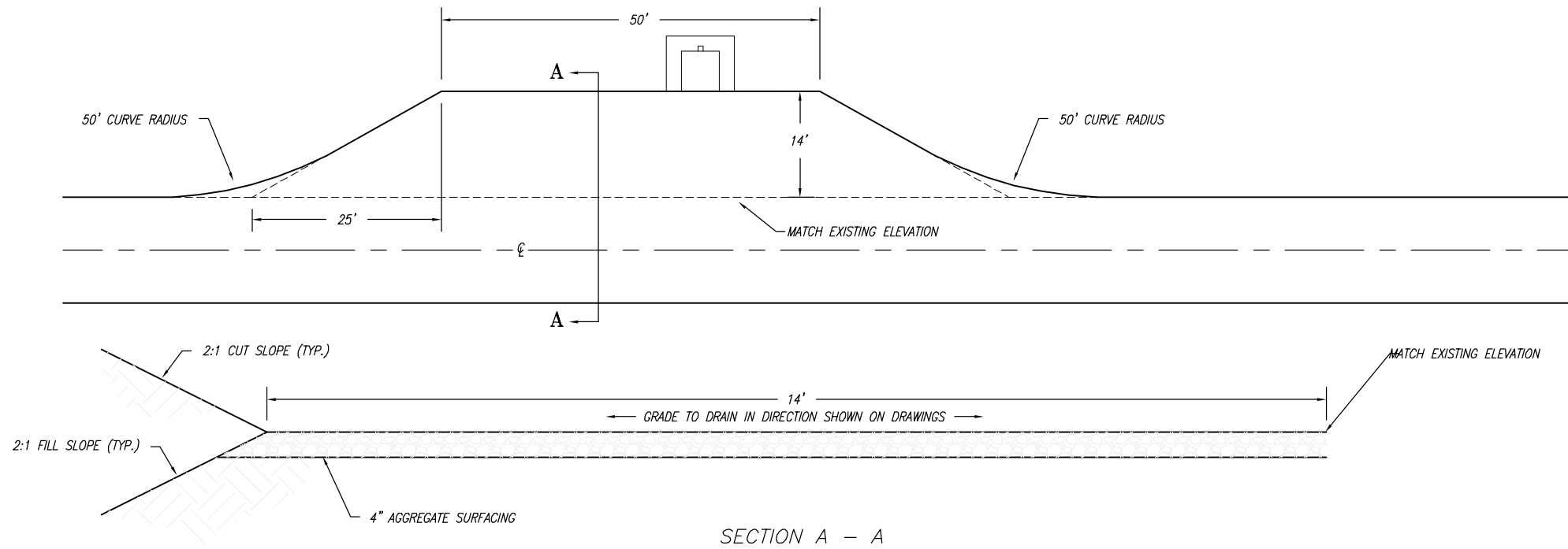
SJ-133

Sheet

11

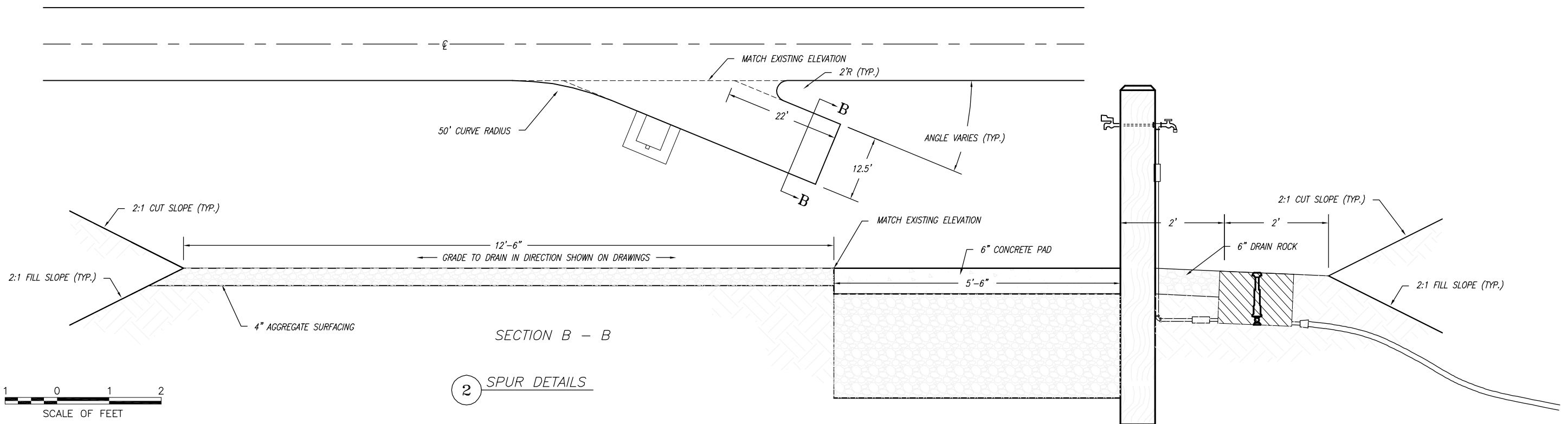
OF 12

3/23/03 10:53 GHANNA R2000 C:\LAND\_PROJECTS\_3\JCCC\_02\DWG\TRENCH\_TURNOUT



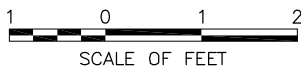
SECTION A - A

1 TURNOUT DETAILS



SECTION B - B

2 SPUR DETAILS



SCALE OF FEET



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FOREST SERVICE  
**R-2**  
ROCKY MOUNTAIN REGION

Forest

SAN JUAN  
NATIONAL FOREST  
COLUMBINE RANGER DISTRICT

Design: SJ Team  
Drawn: P.Merkel  
Checked: G.Hanna  
Date: 03-20-03

Sheet Title:

Spur and Turnout Details

Junction Creek Campground Water System

Sub Sheet:

**U11**

Project No:

SJ-133

Sheet

12 OF 12